

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-116950
 (43)Date of publication of application : 27.04.2001

(51)Int.Cl. G02B 6/30
 G02B 6/122

(21)Application number : 11-296641

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 <NTT>

(22)Date of filing : 19.10.1999

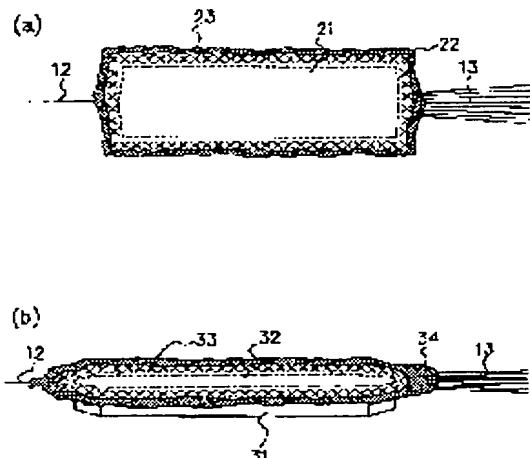
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(54) PLANAR LIGHT WAVE CIRCUIT MODULE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a planar light wave circuit module which saves labor in making a sturdy expensive package, which greatly reduces the number of processes and components necessary for sealing the circumference of an optical fiber, and which has a remarkably high degree of airtightness compared with a simpler conventional resin sealing.

SOLUTION: The planar light wave circuit module body has a planar light wave circuit, a single core fiber 12 connected thereto, and an 8-core tape fiber 13, with a ribbon-forming secondary coat peeled, separated into single pieces of optical fibers, and made only a primary coat; this module body is stored between two steam barrier films 21 laminated with an aluminum foil and polyethylene in dry nitrogen gas, and is heat-sealed 22 with an interval constantly held between the optical fibers of the 8-core tape fiber 13, and with a sealant 23 applied around the sealing part and hardened to form the airtight module.



LEGAL STATUS

[Date of request for examination] 30.10.2001
 [Date of sending the examiner's decision of 13.01.2004]

[rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]